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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Substitute for form 1449/PTO

Sheet 1

Application Number 09/954 646 Filing Date 09/18/2001 First Named Inventor Seth A. Foerster Art Unit Rozanski Examiner Name Attorney Docket Number END-777

	1 07			DOCUMENTS	Daniel California Linea Miliana
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (A Ansons)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2001/0023322	09/20/2001	Espositio	
		^{US-} 3,120,230	02/04/1964	Skold	
		^{US-} 3,945,375	03/23/1976	Banko	
		^{US-} 3,958,576	05/25/1976	Komiya	
		^{US-} 3,996,935	12/14/1976	Banko	
		^{US-} 4,080,959	03/28/1978	Leveen	
		^{US-} 4,086,914	05/02/1978	Moore	
		^{US-} 4,103,690	08/01/1978	Harris	
		^{US-} 4,197,846	04/15/1980	Bucalo	
		^{US-} 4,210,146	07/01/1980	Banko	
		US- 4,247,406	01/27/1981	Widder	
		^{US-} 4,250,892	02/17/1981	Dolhay	
		^{US-} 4,320,761	03/23/1982	Haddad	
		^{US-} 4,402,308	09/06/1983	Scott	
		US- 4,583,538	04/22/1986	Onik	
		^{US-} 4,649,151	03/10/1987	Dougherty	
		^{US-} 4,682,606	07/28/1987	DeCaprio	
		^{US-} 4,693,237	09/15/1987	Hoffman	
		^{US-} 4,699,154	10/13/1987	Lindgren	

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁵	
		EP146699A1	07/03/1985	Gebruder Sulzer Aktienges		1	17/1200
		EP293605B1	08/11/1993	Boston Scientific Corp.			
		EP350043B1	01/10/1990	Palestrant			
		EP481685A1	04/22/1992	Cook Inc.			
		GB2132091A	07/04/1984	Bard Inc.			
		JP9066063A	03/11/1997	Kokken KK		7	ALD?

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Attorney Docket Number END-777

Application Number 09/954,646 Filing Date 09/18/2001 First Named Inventor Seth A. Foerster Art Unit 3768 Evaminer Name Rozanski

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

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Examiner Initials*	No.1	Document Number Number-Kind Code ^{2 (F.krown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 4,709,703	12/01/1987	Lazarow	
		^{US-} 4,718,897	01/12/1988	Elves	
		^{US-} 4,733,664	03/29/1988	Kirsch	
		^{US-} 4,787,391	11/29/1988	Elefteriades	
		^{US-} 4,832,685	05/23/1989	Haines	
		^{US-} 4,853,210	08/01/1989	Kass	
		^{US-} 4,871,094	10/03/1989	Gall	
		^{US-} 4,881,551	11/21/1989	Taylor	
		^{US-} 4,900,304	02/13/1990	Fujioka	
		^{US-} 4,907,599	03/13/1990	Taylor	
		^{US-} 4,909,250	03/20/1990	Smith	
		^{US-} 4,929,240	05/29/1990	Kirsch	
		^{US-} 4,935,005	06/19/1990	Haines	
		^{US-} 4,944,308	07/31/1990	Akerfeldt	
		^{US-} 4,966,583	10/30/1990	Debbas	
		^{US-} 4,994,013	02/19/1991	Suthanthiran	
		^{US-} 4,994,069	02/19/1991	Ritchart	
		^{US-} 4,995,877	02/26/1991	Ams	
		^{US-} 5,002,548	03/26/1991	Campbell	

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ⁵ "Number ⁴ " Kind Code ⁶ (# known)	MM-DD-YYYY			Т
		WO 90/15576	12/27/1990	Research Corp. Tech. Inc.		
		WO 93/19803	10/14/1993	Boston Scientific Corp.		Е
		WO 00/24320	05/04/2000	United States Surgical		L
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Examiner Initials*	No.1	Number-Kind Code ^{2 (FArceso)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear	
		^{US-} 5,014,713	05/14/1991	Roper		
		^{US-} 5,024,727	06/18/1991	Campbell		
		^{US-} 5,025,797	06/25/1991	Baran		
		^{US-} 5,108,407	04/28/1992	Geremia		
		^{US-} 5,108,421	04/28/1992	Fowler		
		^{US-} 5,112,299	05/12/1992	Pascaloff		
		^{US-} 5,122,147	06/16/1992	Sewell, Jr.		
		^{US-} 5,125,413	06/30/1992	Baran		
		^{US-} 5,133,661	07/28/1992	Euvrard		
		^{US-} 5,147,307	09/15/1992	Gluck		
		^{US-} 5,156,609	10/20/1992	Nakao		
		^{US-} 5,188,111	02/23/1993	Yates		
		^{US-} 5,192,270	03/09/1993	Carswell, Jr.		
		US- 5,192,292	03/09/1993	Cezana		
		US- 5,201,314	04/13/1993	Bosley, Jr.		
		US- 5,209,232	05/11/1993	Levene		
		^{US-} 5,217,478	06/08/1993	Rexroth		
		^{US-} 5,226,911	07/13/1993	Chee		
		^{US-} 5,240,011	08/31/1993	Assa		

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet 4

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| Application Number | 09/954,646 | Filing Date | 09/18/2001 | First Named Inventor | Seth A. Foerster | Art Unit | 3768 | Examiner Name | Altomer Docket Number | END-777 |

U. S. PATENT DOCUMENTS Examiner Document Number Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (f known)} Figures Appear ^{US-} 5.242,456 09/07/1993 Nash US- 5,242,457 09/07/1993 Akopov US- 5.275,609 01/04/1994 Pingleton ^{US-} 5,280,457 01/18/1994 Figueroa US- 5.320,635 06/14/1994 Smith US- 5,342,283 08/30/1994 Good US- 5.353.804 10/11/1994 Kornbera US- 5.358 474 10/25/1994 Kaldany ^{US-} 5,364,406 11/15/1994 Sevell In US- 5 400 798 03/28/1995 US-5,403,276 04/04/1995 Schechter ^{US-} 5.413.584 05/09/1995 Schulze ^{US-} 5.496.314 03/05/1996 Eggers us- 5,538,010 07/23/1996 Darr us-5,626,611 05/06/1997 Liu US-5 649 547 07/22/1997 US-5,664,574 Chance 09/09/1997 US- 5.676,146 10/14/1997 Scarborough US- 5,681,262 10/22/1997 Isse

		FOREI	GN PATENT DOCU	MENTS		
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			Application Number	09/954,646	
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			First Named Inventor	Seth A. Foerster	
S	TATEMENT BY		Art Unit	3768	
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Sheet	5 of	6	Attorney Docket Number	END-777	

Examiner	Cite	Document Number	Publication Date	F DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan
		Number-Kind Code ^{2 (f known)}			Figures Appear
		^{US-} 5,718,237	02/17/1998	Haaga	
		^{US-} 5,879,357	03/09/1999	Heaton	
		^{US-} 6,071,301	06/06/2000	Cragg	
		^{US-} 6,258,070	07/10/2001	Kaldany	
		^{US-} 6,270,464	08/07/2001	Fulton, III	
		^{US-} 6,347,241	02/12/2002	Burbank	
		US- 6,350,244	02/26/2002	Fisher	
		^{US-} RE34,056	09/08/1992	Lindgren	
		^{US-} 3,351,049	11/07/1967	Lawrence	
		^{US-} 4,863,470	09/05/1989	Carter	
		^{US-} 5,019,370	05/28/1991	Jay	
		^{US-} 5,271,961	12/21/1993	Mathiowitz	
		^{US-} 5,405,402	04/11/1995	Dye	
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INFORMATION DISCLOSURE	Filing Date	09/18/2001	
STATEMENT BY APPLICANT	First Named Inventor	Seth A. Foerster	
(Use as many sheets as necessary)	Art Unit	3768	
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Sheet 6 of 6	Attorney Docket Number	END-777	

		NON DATEME LITERATURE DOCUMENTS		
Examiner Cite Initials* No.1		NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), tille of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		FINAN et al., "Interstitial Radiotherapy for Early Stage Vaginal Cancer", The Journal of Reproductive Medicine, Vol. 38, No. 3, March 1993, pp. 179-182		
		HOFMANN et al., "Biodegradable Implants in Orthopaedic SurgeryA Review on the State-of-the-Art", Clinical Materials, Vol. 10, 1992, pp. 75-80		
		HOMER et al., "The Geographical Cluster of Microcalcification of the Breast", Surgery, Gynecology & Obstetrics (1985), pp. 532-534		
		KRAMER et al., "A Permanent Radiopaque Marker Technique for the Study of Pharyngeal Swallowing in Dogs, Dysphagia", (1987) pp. 163-167		
		LEONARD et al., "Use of Ultrasound to Guide Radiation Boost Planning Following Lumpectomy for Carcinoma of the Breast", Int. Journal Radiation Oncology, Vol. 27, 1993, pp. 119		
		"Letters to the American Journal of Radiology", AJR, Vol. 164, Jan 1995, pp. 260-261		
		PARKER and BURBANK, "A Practical Approach to Minimally Invasive Breast Biopsy", RADIOLOGY, Vol. 200, 1996, pp. 11-20		
		PARKER and KLAUS, "From the RSNA Refresher Courses: Performing a Breast Blopsy With Directional, Vacuum-Assisted Biopsy Instrument, RADIOGRAPHICS, Vol. 17/5, 1997, pp. 1233-12		
		SECUDI et al., "Sterotactic Core Needle Biopsy of Nonpalpable Breast Lesions-Initial Experience with a Promising Technique; ARCH. SURGERY, Vol. 133, Apr. 1988, pp. 366-372		
		THOMSON et al., "Stereotacic Brain Biopsy Using a Narrow Aperture Computed Tomography Scanner; CLINICAL RADIOLOGY, Vol. 35, 1984, pp. 209-214		

Examiner	Date	
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